## COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney's Docket No.

032590-025

	<b>1</b>
ORIGINAL, FIRST AND JOINT INVENTOR (if more to WHICH IS CLAIMED AND FOR WHICH A PATENT IS	nan one name is listed below) OF THE SUBJECT MATTER SOUGHT ON THE INVENTION ENTITLED:
INFORMATION READING APPARATUS AND INF	ORMATION RECORDING MEDIUM
the specification of which	
(check one)	is attached hereto;
(check one)	was filed on as
	Application No.
	and was amended on; (if applicable)
	(if applicable)
INCLUDING THE CLAIMS, AS AMENDED BY ANY I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE MATERIAL TO PATENTABILITY AS DEFINED IN T (as amended effective March 16, 1992);	HE OFFICE ALL INFORMATION KNOWN TO ME TO BE TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56
or our invention thereof, or patented or described in any patented or more than one year prior to said application; the States of America more than one year prior to said application.	ver known or used in the United States of America before my printed publication in any country before my or our invention hat said invention was not in public use or on sale in the United ation; that said invention has not been patented or made the of said application in any country foreign to the United States presentatives or assigns more than twelve months prior to said
I was a single contribute of an include of the contribute of the c	nited States Code Sec. 119 and/or Sec. 365 of any foreign ted below and have also identified below any foreign ention having a filing date before that of the application(s) on

Japan Patent 10–185883 01/07/1998 YESX NO  Japan Patent 10–186476 01/07/1998 YESX NO  Japan Patent 10–186485 01/07/1998 YESX NO  Japan Patent 10–186485 01/07/1998 YESX NO  Japan Patent 10–240398 26/08/1998 YESX NO  I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent Trademark Office connected therewith and to file, prosecute and to transact all business in connection with internal applications directed to said invention:  William L. Mathis 17,337 Robert G. Mukai 28,531 Bruce J. Boggs, Jr. 32,34  Robert S. Swecker 19,885 James A. LaBarre 28,632 Peter K. Skiff 31,917  Peter H. Smolka 15,913 George A. Hovanec, Jr. 28,223 William H. Benz 25,95  Paton N. Mandros 22,124 E. Joseph Gess 28,510 Richard J. McGrath 29,199  Peter N. Smolka 15,913 George A. Hovanec, Jr. 28,223 William H. Benz 25,95  Paton N. Mandros 22,124 E. Joseph Gess 28,510 Richard J. McGrath 29,199  Joseph R. Magnone 24,239 Eric H. Weisblatt 30,505 Michael G. Savage 32,596  Romald L. Grudziecki 24,970 Teresa Stanek Rea 30,427 Michael J. Ure 33,088  Robert E. Krebs 25,885 Charles F. Wieland III 33,096  Regis E. Slutter 26,999 William C. Rowland 30,999  William C. Rowland 30,999  William C. Rowland 30,999  Weight M. Schulman 31,196  Bruce T. Wieder 33,811  Robert G. Rowland 30,999  William C. Rowland 30,999  William C. Rowland 30,999	COMBINED DECLARATION	ARATION AND POWER OF ATTORNEY		EY	Attorney's Docket No. 032590-025				
Japan Patent 10-185883 01/07/1998 YES_NO  Japan Patent 10-186476 01/07/1998 YES_NO  Japan Patent 10-186476 01/07/1998 YES_NO  Japan Patent 10-186485 01/07/1998 YES_NO  Japan Patent 10-186485 01/07/1998 YES_NO  Japan Patent 10-240398 26/08/1998 28/19 26	COUNTRY/INTERNATIONAL						PRIORITY CLAIMED		
Japan Patent 10-186476 01/07/1998 YESX NO Japan Patent 10-186485 01/07/1998 YESX NO Japan Patent 10-240398 26/08/1998 YESX NO Iterates a point the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent Admits of Free Interest of the Patent Notice on the Patent Notice of th	Japan	Patent 10-185883		01/07/1998					
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Patent 10-240398   26/08/1998   YESX NOT	Japan	Patent 1	10–18648	35	01/07/1998				
I bereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Pater Trademark Office connected therewith and to file, prosecute and to transact all business in connection with internal applications directed to said invention:  William L. Machis 17,337 Robert G. Mukai 28,531 Bruce J. Boggs, Jr. 32,34 Peter H. Smolka 15,913 George A. Hovanec, Jr. 28,233 William H. Benz 25,95 Peter K. Shiff 31,901 Peter H. Smolka 15,913 George A. Hovanec, Jr. 28,232 William H. Benz 25,95 Peter K. Shiff 31,901 Benon S. Duffett, Jr. 210,300 R. Benz G. William L. Shapel Gess Brown 23,500 Richard J. McGradt J. Special P. Schoelder 32,814 B. Benz G. Machis L. Schoelder 32,814 B. Benz G. William S. Schoelder 32,814 B. Benz G. William S. Schoelder 32,814 B. Benz G. William S. Schoelder 32,814 Norman H. Stepno 22,716 Janes W. Peterson 26,037 Gentler F. Schoelder 32,815 Norman H. Stepno 22,716 Janes W. Peterson 26,037 Gentler J. Schoelder 32,816 Ronald L. Grodziecki 24,970 Teress Stansk Rea 30,427 Michael J. Ure 33,596 Frederick G. Michael J. J. 26,003 Robert E. Krebs 25,855 Charles F. Wieland III 33,000 Frederick G. Michael J. Ure 33,000 Frederick G. Michael J. Ure 33,000 Frederick G. Michael J. Ure 33,000 Frederick G. Michael J. T. Schoelder 33,883 Todd R. Walters 34,046 Regis E. Silvater 36,999 W. Machis M. Schoelder 33,883 Todd R. Walters 34,046 Regis E. Silvater 36,999 W. Machis M. Schoelder 33,883 Todd R. Walters 34,046 Regis E. Silvater 36,999 W. Machis M. Schoelder 31,898 Frederick G. Michael J. Freeland, Jr. G. Box 14,044 Alexandria, Virginia 22313-1404  Address all telephone calls to: Robert E. Krebs, Esq. BURNS, DOANE, SWECKER & MATHIS, L. L. P. P. O. Box 1404 Alexandria, Virginia 22313-1404  Address all telephone calls to: Robert E. Krebs, Esq. BURNS, DOANE, SWECKER & MATHIS, L. L. P. P. O. Box 1404 Alexandria, Virginia 22313-1404  Address all telephone calls to: Robert E. Krebs, Esq. BURNS, DOANE, SWECKER & MATHIS, L. L. P. P. O. Box 1404 Alexandria, Virginia 22313-1404	Japan	Patent 1	10-24039	8	26/08/1998				
Address all correspondence to:  Robert E. Krebs, Esq.  BURNS, DOANE, SWECKER & MATHIS, L.L.P.  P.O. Box 1404  Alexandria, Virginia 22313-1404  Address all telephone calls to: Robert E. Krebs, Esq.  I hereby declare that all statements made herein of my own knowledge are true and that all statements made on informat and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issusting the property of the property of the application or any patent issusting the property of the application or any patent issusting the property of the property of the application or any patent issusting the property of the application or any patent issusting to the property of the application or any patent issusting to the property of the application or any patent issusting to the property of the application or any patent issusting to the property of the application or any patent issusting to the property of the application or any patent issusting to the property of the application or any patent issusting to the property of the application or any patent issusting to the property of the application or any patent issusting to the property of the application or any patent issusting to the application or any patent issusting to the property of the application or any patent issusting to the application or a	applications directed to said invention:  William L. Mathis 17,337 Peter H. Smolka 15,913 Robert S. Swecker 19,885 Platon N. Mandros 22,124	Robert G. Muka George A. Hova James A. LaBari E. Joseph Gess R. Danny Huntin Eric H. Weisblat James W. Peters Teresa Stanek Re Robert E. Krebs	i nec, Jr. re geton t on ea	28,531 28,223 28,632 28,510 27,903 30,505 26,057 30,427 25,885	on and to	Bruce J. Bogg William H. Be Peter K. Skiff Richard J. Mc Matthew L. Sc Michael G. Sa' Gerald F. Swis Michael J. Ure Charles F. Wie	s, Jr. enz  Grath chneider vage ss	32,344 25,952 31,917 29,195 32,814 32,596 30,113 33,089 33,096	
In hereby declare that all statements made herein of my own knowledge are true and that all statements made on informat and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issu thereon.  FULL NAME OF SOLE OR FIRST INVENTOR  Yoshiaki Kurokawa  RESIDENCE 2-1214-9, Makuhari-cho, Hanamigawa-ku,  Chiba-shi, Chiba-ken, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND T	and:Address all correspondence to:	William C. Rowl T. Gene Dillahun Patrick C. Keane  Robert E. Kreb BURNS, DOANE P.O. Box 1404	and ny s, Esq. , SWECKER	30,888 25,423 32,858	ніs, L.L	Todd R. Walte		33,815 34,040	
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Yoshiaki Kurokawa  Dali June 23, 1996  RESIDENCE 2-1214-9, Makuhari-cho, Hanamigawa-ku, Chiba-shi, Chiba-ken, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OLLL NAME OF SECOND JOINT INVENTOR, IF ANY Toshifumi Ohkubo  RESIDENCE  2-10-2, Asagaya-Kita, Suginami-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2, Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  ULL NAME OF THIRD JOINT INVENTOR, IF ANY Manabu Yamamoto  ESIDENCE  6-4, 606-79, Mizuno, Sayama-shi, Saitama-ken, Japan  DATE June 23, 1999  CITIZENSHIP Japan  DATE June 23, 1999	statements and the like so made are punish United States Code and that such willful fathereon.	ner mat mese state	ements wer prisonmen y jeopardiz	e made t, or bot te the va	with the	knowledge th	at willful fal	se	
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Toshifumi Ohkubo  ESIDENCE  2-10-2, Asagaya-Kita, Suginami-ku, Tokyo, Japan  OST OFFICE ADDRESS c/o NIPPON TELEGRAPH AND TELEPHONE CORPORATION, 20-2,  Nishi-Shinjuku 3-chome, Shinjuku-ku, Tokyo, Japan  OLL NAME OF THIRD JOINT INVENTOR, IF ANY  Manabu Yamamoto  ESIDENCE  6-4, 606-79, Mizuno, Sayama-shi, Saitama-ken, Japan  SIGNATURE  Manabu Yamamoto  CITIZENSHIP  Japan  DATE  June 23, 1999  CITIZENSHIP  Japan	ESIDENCE 2-1214-9, Makuhari-c Chiba-shi, Chiba-ker OST OFFICE ADDRESS c/o NIPPON TEI	cho, Hanamiga n, Japan LEGRAPH AND T	wa-ku,	E CORE	CORATIO	ITIZENSHIP		, 1999	
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COMBINED DECLARATION AND POWER	Attorney's Docket No. 032590-025					
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE			
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RESIDENCE 32-3-503, 5019-1, Yamaguchi, Toko	prozawa-shi	CITIZENSHIP	1 0 4.10 20, 1000			
Saitama-ken, Japan -			Japan			
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Nishi-Shinjuku 3-chome, S	hinjuku-ku, Tokyo	, Japan <sub>in</sub>				
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE			
- Shogo Yagi	Shop yagi		June 23, 1999			
RESIDENCE	" " L'Y	CITIZENSHIP				
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